



GAIL FARBER, Director

COUNTY OF LOS ANGELES DEPARTMENT OF PUBLIC WORKS

"To Enrich Lives Through Effective and Caring Service"

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December 15, 2009

The Honorable Board of Supervisors
County of Los Angeles
383 Kenneth Hahn Hall of Administration
500 West Temple Street
Los Angeles, California 90012

ADOPTED

BOARD OF SUPERVISORS
COUNTY OF LOS ANGELES

45 DECEMBER 15, 2009

Sachi A. Hamai
SACHI A. HAMAI
EXECUTIVE OFFICER

Dear Supervisors:

CHANGES IN WORK FOR VARIOUS PUBLIC WORKS CONTRACTS IN THE CITIES OF CARSON AND LONG BEACH (SUPERVISORIAL DISTRICTS 2 AND 4) (4 VOTES)

SUBJECT

This action is to approve changes in work and the increased contract amounts for public works construction contracts in the Cities of Carson and Long Beach.

IT IS RECOMMENDED THAT YOUR BOARD:

Find that the requested changes in work have no significant effect on the environment and approve the changes and increased contract amounts for the following construction contracts:

- Project ID No. RDC0011151 - 6th Street Off-Ramp over Shoreline Drive, to seismically strengthen a bridge, in the City of Long Beach, performed by Griffith Company, for relocation of a security system and removal and reinstallation of a k-rail system, with an increase in the contract amount of \$32,500.
- Project ID No. RDC0011272 - Avalon Boulevard over Dominguez Channel, to seismically strengthen a bridge, in the City of Carson, being performed by Bitech Construction Company, Inc., for core concrete, construct utility openings, and modify the cable restrainer system, with an increase in the contract amount of \$37,130.

PURPOSE/JUSTIFICATION OF RECOMMENDED ACTION

The purpose of the recommended action is to obtain the County of Los Angeles Board of Supervisors' (Board) approval for changes in various public works contracts in support of the timely completion of the projects while avoiding delays and the potential for claims. The descriptions of the changes, estimated costs, and the necessary time extensions are listed in the enclosure for each contract.

The Director of Public Works or her designee has been authorized by your Board to order changes in work up to \$10,000 for construction contracts. Enclosed for your Board's authorization are changes in work in excess of the Director of Public Works' delegated limits, which are required to complete Project ID Nos. RDC0011151 and RDC0011272.

Implementation of Strategic Plan Goals

The Countywide Strategic Plan directs the provisions of Operational Effectiveness (Goal 1) and Community and Municipal Services (Goal 3). Approval of these changes will provide improved infrastructure to better serve the public and enhance the quality of life in the affected community.

FISCAL IMPACT/FINANCING

These changes in work will have no impact to the County General Fund.

The estimated change order amounts for these contracts are \$32,500 and \$37,130, respectively. Detailed cost breakdowns for each of the changes, together with contract cost summaries, are included in the enclosures.

The funding for these projects is as follows:

Project ID No. RDC0011151 is included in the Fourth Supervisorial District's Road Construction Program in the Fiscal Year 2009-10 Road Fund Budget.

Project ID No. RDC0011272 is included in the Second Supervisorial District's Road Construction Program in the Fiscal Year 2009-10 Road Fund Budget.

If these changes in work are not approved, contract completion will be delayed and increased cost incurred.

FACTS AND PROVISIONS/LEGAL REQUIREMENTS

Each of the subject contracts, for the construction of public works improvements, was awarded by your Board to a responsible contractor with the lowest responsive bid in accordance with the State Public Contract Code, your Board's directives, and as recommended by the Director of Public Works or her designee.

ENVIRONMENTAL DOCUMENTATION

The changes in work as described above and in the enclosures do not change any conditions which resulted in the original environmental findings.

CONTRACTING PROCESS

Each contract provides that the contractor be compensated for the work resulting from changes to the original plans and specifications or changed conditions encountered during the course of construction. The costs are based on contract unit prices, time and materials, or negotiated under the provisions of the contract specifications. The methods for arriving at the costs of the changes are included in the enclosures.

IMPACT ON CURRENT SERVICES (OR PROJECTS)

Approval of the requested changes by your Board will ensure the timely completion of work under each of the respective contracts and result in complete and usable facilities.

CONCLUSION

Please return one adopted copy of this letter to the Department of Public Works, Construction Division.

Respectfully submitted,

A handwritten signature in cursive script that reads "Gail Farber".

GAIL FARBER

Director

GF:JTS:sc

Enclosures

c: Chief Executive Office (Lari Sheehan)
County Counsel
Executive Office
Office of Affirmative Action Compliance

CHANGE IN WORK (AUTHORIZE)
December 15, 2009

PROJECT ID NO. RDC0011151 - 6TH STREET OFF RAMP OVER SHORELINE DRIVE (City of Long Beach), Supervisorial District 4,
Contractor: Griffith Company

Project Description:

Seismic strengthening of an existing bridge.

Changes in Work:

(1) Relocate Security System	\$ 8,500.00
(2) Remove and Reinstall K-Rail System	<u>24,000.00</u>
Total	<u>\$32,500.00</u>

Description of Changes:

(1) A security system was encountered within the excavation area of the footing at Pier No. 12. The contractor was directed to arrange with the tenant of the property to relocate and reinstall the system in order to proceed with the required work at this location.

(2) Approximately 120 pieces of k-rail are on the west side of the bridge and were not shown on the plans. The k-rail adds excessive and unbalanced weight to the structure and must be removed in order to jack up the bridge to allow installation of new bearing pads. The k-rail will be reinstalled at the completion of the work.

The costs for Items 1 and 2 will be based on time and materials as provided in Subsection 3-3 of the contract specifications.

Twenty additional working days will be required because of these changes.

Financial Information:

This project is being administered under the Highway Bridge Program covered by Agreement 76078 with the State of California. Under this program, Federal funds allocated to local agencies are used to finance 88.53 percent of the eligible costs of bridge seismic retrofit projects. The remaining 11.47 percent of the cost of the project will be funded with State Proposition 1B funds. Funding for these changes in work is

included in the Fourth Supervisorial District's Road Construction Program in the Fiscal Year 2009-10 Road Fund Budget.

Revised Contract Amount:

Original contract amount	\$2,780,671.60
Changes in work to be authorized	<u>32,500.00</u>
Revised contract amount	<u>\$2,813,171.60</u>
Percent total change to original contract amount	1.2%

TKB:sc

CHANGE IN WORK (AUTHORIZE)
December 15, 2009

PROJECT ID NO. RDC0011272 - AVALON BOULEVARD OVER DOMINGUEZ CHANNEL (City of Carson), Supervisorial District 2, Contractor: Bitech Construction Company., Inc.

Project Description:

Seismic strengthening of an existing bridge.

Changes in Work:

(1) Concrete Coring	\$ 2,730.00
(2) Utility Openings	4,400.00
(3) Restrainer System	<u>30,000.00</u>
Total	<u>\$37,130.00</u>

Description of Changes:

(1) The amount of concrete coring needed for the cable restrainers was underestimated and incorrectly shown in the bid documents. The contractor is required to core additional concrete to meet the intent of the design.

(2) Existing utility openings that were not shown on the plans were discovered at areas where installation of shear key dowels and reinforcing steel need to be installed. The contractor is required to construct utility openings at other locations and reconfigure the placement of the reinforcing steel.

(3) The contractor discovered the layout of the cable restrainer system shown on the plans conflicted with existing utility ducts, and if constructed per plan, would hit the bottom of the bridge deck and side of the pier caps. The layout of the cable restrainer system needs to be revised and additional concrete coring, bearing plates, anchors, and cable will be needed.

The cost for Item 1 will be based on contract unit prices. The costs for Items 2 and 3 will be based on time and materials as provided in Subsection 3-3 of the contract specifications.

Thirty-eight working days will be required because of these changes.

Financial Information:

This project is being administered under the Highway Bridge Program covered by Agreement 76078 with the State of California. Under this program, Federal funds allocated to local agencies are used to finance 88.53 percent of the eligible costs of bridge seismic retrofit projects. The remaining 11.47 percent of the cost of the project will be financed with State Proposition 1B funds. Funding for these changes in work is included in the Second Supervisorial District's Road Construction Program in the Fiscal Year 2009-10 Road Fund Budget.

Revised Contract Amount:

Original contract amount	\$174,375.50
Changes in work to be authorized	<u>37,130.00</u>
Revised contract amount	<u>\$211,505.50</u>
Percent total change to original contract amount	21%

MR:sc